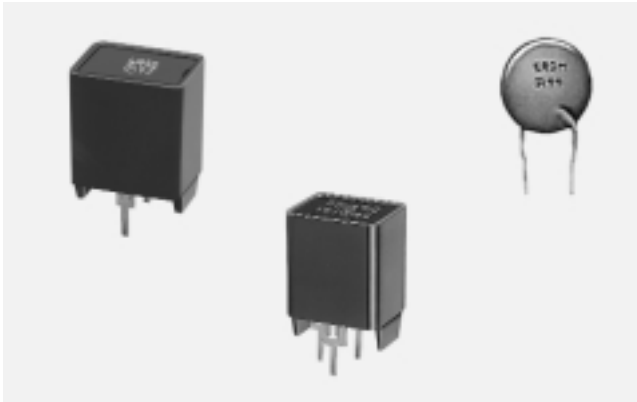


# THERMISTOR PRODUCTS

## PTC THERMISTOR FOR DEGAUSSING

### PTH451/632 Series

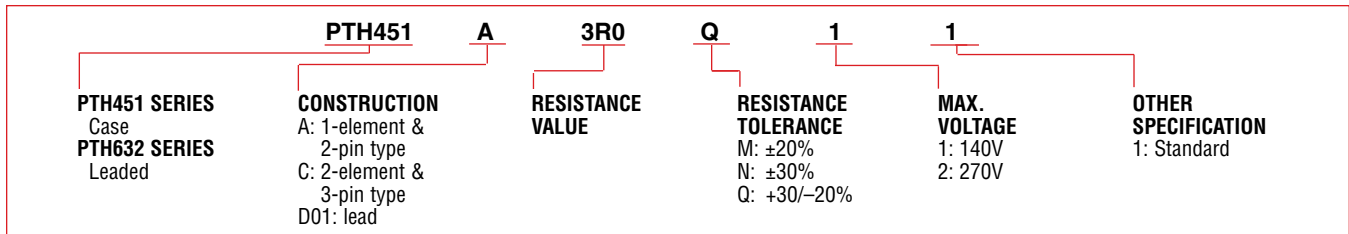


The PTH451/632 are degaussing elements used to automatically degauss color TV's and color monitors on startup.

#### FEATURES

- No noise is emitted.
- Long life characteristic since part does not have relay contacts.
- Winding of degaussing coil can be reduced since rush current is large.
- Degauss operation can be performed in a simple circuit.
- Degauss operation can be performed shortly after shutdown due to a quick return to normal resistance.

#### PART NUMBERING SYSTEM



#### SPECIFICATIONS

Part Number	Resistance (Ohms)	Rated Voltage (V)	Voltage max. (V)	Current (at 25°C Rated Voltage)			Voltage (V)	Coil Resist. (Ohms)	Condition
				0 seconds	3 seconds	180 seconds			
PTH451A3R0Q11	3 $\frac{+30}{-20}$ %	100/120	140	17Ap-p min.	200mAp-p max.	60mAp-p max.	100	11	
PTH451A5R0M11	5 ± 20%	100/120	140	36Ap-p min.	200mAp-p max.	70mAp-p max.	100	1	
PTH451A4R5Q21	4.5 $\frac{+30}{-20}$ %	220/240	270	22Ap-p min.	300mAp-p max.	50mAp-p max.	200	20	
PTH451A7R0Q21	7 $\frac{+30}{-20}$ %	220/240	270	19Ap-p min.	300mAp-p max.	50mAp-p max.	200	20	
PTH451A9R0Q21	9 $\frac{+30}{-20}$ %	220/240	270	18Ap-p min.	300mAp-p max.	50mAp-p max.	200	20	
PTH451A140M21	14 ± 20%	220/240	270	25Ap-p min.	300mAp-p max.	40mAp-p max.	220	10	
PTH451A180N21	18 ± 30%	220/240	270	25Ap-p min.	250mAp-p max.	35mAp-p max.	220	8	
PTH451C3R0Q11	3 $\frac{+30}{-20}$ %	100/120	140	28Ap-p min.	300mAp-p max.	7mAp-p max.	100	5	
PTH451C5R0M11	5 ± 20%	100/120	140	25Ap-p min.	300mAp-p max.	3mAp-p max.	100	5	
PTH451C4R5Q21	4.5 $\frac{+30}{-20}$ %	220/240	270	22Ap-p min.	300mAp-p max.	7mAp-p max.	200	20	
PTH451C7R0Q21	7 $\frac{+30}{-20}$ %	220/240	270	19Ap-p min.	300mAp-p max.	7mAp-p max.	200	20	
PTH451C9R0Q21	9 $\frac{+30}{-20}$ %	220/240	270	18Ap-p min.	300mAp-p max.	10mAp-p max.	200	20	
PTH451C140M21	14 ± 20%	220/240	270	25Ap-p min.	200mAp-p max.	10mAp-p max.	220	10	
PTH451C180N21	18 ± 30%	220/240	270	15Ap-p min.	300mAp-p max.	10mAp-p max.	200	13	
PTH632D01BF5R0M140	5 ± 20%	100/120	140	45Ap-p min.	300mAp-p max.	60mAp-p max.	100	1	
PTH632D01BF7R0M140	7 ± 20%	100/120	140	25Ap-p min.	260mAp-p max.	60mAp-p max.	100	3.5	

#### DIMENSIONS: mm

